

**Class: 9**

**Subject: Biology**

**Topic: Diversity In Living Organism**

**No. of Questions: 20**

- Q1. Why do we classify organisms?
- Q2. Give three examples of the range of variations that you see in life forms around you.
- Q3. Which do you think is a more basic characteristic for classifying organisms?  
(a) the place where they live.  
(b) the kind of cells they are made of. Why?
- Q4. What is the primary characteristic on which the first division of organisms is made?
- Q5. On what bases are plants and animals put into different categories?
- Q6. Which organisms are called primitive and how are they different from the so-called advanced organisms?
- Q7. Will advanced organisms be the same as complex organisms? Why?
- Q8. What is the criterion for classification of organisms as belonging to kingdom Monera or Protista?
- Q9. In which kingdom will you place an organism which is single-celled, eukaryotic and photosynthetic?
- Q10. In the hierarchy of classification, which grouping will have the smallest number of organisms with a maximum of characteristics in common and which will have the largest number of organisms?
- Q11. Which division among plants has the simplest organisms?
- Q12. How are pteridophytes different from the phanerogams?

- Q13. How do gymnosperms and angiosperms differ from each other?
- Q14. How do poriferan animals differ from coelenterate animals?
- Q15. How do annelid animals differ from arthropods?
- Q16. What are the differences between animals belonging to the Aves group and those in the mammalian group?
- Q17. What are the differences between amphibians and reptiles?
- Q18. What are the advantages of classification?
- Q19. Define Taxon.
- Q20. Who wrote the book The Origin of Species?